

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
Masahiro Kobayashi et al. ) Examiner: DUONG, T  
Serial No.: 09/611,562 ) Art Unit: 3743  
Filed: July 7, 2000 ) Docket No.: JCLA6244  
For: Heat Exchanger )

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Assistant Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

The Office Action mailed on August 27, 2002 (Paper No. 12), has been carefully considered. In response thereto, please consider the following remarks.

**REMARKS****Present Status of the Application**

The Office Action mailed August 13, 2001, rejected all claims 1-4. Specifically, the Office Action claims 2-4 under 35 U.S.C. 112, second paragraph. In addition, the Office Action also rejected claim 1-4 under 35 U.S.C. 102(b) as being anticipated by Kang et al. (U.S. Pat. 5,755,281). No claim is amended. Claims 1-4 remain pending in the present application, and reconsideration of those claims is respectfully requested.

**Summary of Applicants' Invention**

Applicants' invention is directed to a heat exchanger in which high heat transfer efficiency has been attained by optimizing the slit array and setting an optimum range for the width of a slit and the spacing between slits. Slits 51 and 52 formed in front of the heat transfer